

CLAIMS

1. A display device capable of displaying a text and a registered image inserted therein simultaneously comprising:

5 a first storage portion (11) for storing beforehand a character code for specifying each character in said text and character shape data corresponding to said character code in a correlated manner;

10 a second storage portion (12) for storing an image code for specifying said registered image and registered image data corresponding to said image code in a correlated manner according to registration processing by a user;

15 a display output portion (13) for outputting said text and said registered image; and

20 a display control portion (10) for causing said display output portion to output corresponding said text and said registered image based on display data containing a series of said character code, text attribute data, and said image code, wherein said display control portion has image transforming means (S14, S16, S18) for transforming said registered image to be displayed according to said text attribute data.

25 2. The display device according to claim 1, wherein

20 said text attribute data contains size attribute data indicating a character size of the corresponding text, and

25 said image transforming means scales up/down said registered image according to said size attribute data.

3. The display device according to claim 1, wherein

25 said text attribute data contains color attribute data indicating at least a fore color of a corresponding text, and

20 said image transforming means converts a color of said registered image according to said color attribute data.

4. The display device according to claim 3, wherein when said registered image

is a gray image, said image transforming means converts each pixel into a color made by mixing the fore color and a back color of said text at a ratio according to a pixel value.

5. The display device according to claim 1, wherein

said text attribute data contains decoration attribute data indicating a type of a

5 decoration applied to a corresponding text, and

said image transforming means decorates said registered image according to said decoration attribute data.

6. A display method for displaying a text and a registered image inserted therein simultaneously, comprising the steps of:

10 storing an image code for specifying said registered image and registered image data corresponding to said image code in a correlated manner according to registration processing by a user;

15 with respect to display data containing a series of a character code, text attribute data, and said image code, transforming (S14, S16, S18) said registered image to be displayed according to said text attribute data; and

displaying (S19) said text and said registered image simultaneously based on said transformed registered image, and said text attribute data and the character code for specifying each character in said text, and character shape data corresponding to said character code stored beforehand in a correlated manner.

20 7. A viewer program for displaying a text and a registered image inserted therein simultaneously, causing a computer to perform the steps of:

storing an image code for specifying said registered image and registered image data corresponding to said image code in a correlated manner according to registration processing by a user;

25 with respect to display data containing a series of a character code, text attribute data, and said image code, transforming said registered image to be displayed according to said text attribute data; and

displaying said text and said registered image simultaneously based on said

transformed registered image, and said text attribute data and the character code for specifying each character in said text, and character shape data corresponding to said character code stored beforehand in a correlated manner.

8. A computer-readable recording medium (18) having a viewer program recorded thereon for displaying a text and a registered image inserted therein simultaneously, said viewer program causing a computer to perform the steps of:

5 storing an image code for specifying said registered image and registered image data corresponding to said image code in a correlated manner according to registration processing by a user;

10 with respect to display data containing a series of a character code, text attribute data, and said image code, transforming said registered image to be displayed according to said text attribute data; and

15 displaying said text and said registered image simultaneously based on said transformed registered image, and said text attribute data and the character code for specifying each character in said text, and character shape data corresponding to said character code stored beforehand in a correlated manner.